



TRI FORM R REPORTS

As a result of the TRI Reporting Forms Modification Rule, beginning in reporting year 2005, the Toxics Release Inventory Program is no longer collecting latitude and longitude data or EPA program ID data (including Resource Conservation and Recovery Act (RCRA) IDs, National Pollutant Discharge Elimination System (NPDES) IDs and Underground Injection Code (UIC) IDs) via the FORM R or FORM A Certification Statement. However, this data will still be made available to TRI data users and will be included in TRI data Reports. For those Reports, this data will be obtained from the Facility Registry System (FRS). Latitude and longitude coordinates used to represent TRI facilities are chosen from the FRS using the "Pick Best" Process. Primary permitting systems supply FRS with the program IDs that are used to represent TRI facilities. The FRS data that are being used to represent this facility are:

| <u>Reference Point/Description</u> | <u>Latitude</u> | <u>Longitude</u> | <u>Collection Method</u> | <u>Accuracy Value</u> |
|------------------------------------|-----------------|------------------|--------------------------|-----------------------|
| N/A | N/A | N/A | | 30 |

RCRA ID Numbers

NO DATA

NPDES Permit Numbers

NO DATA

Underground Injection Well Code (UIC) ID Numbers

NO DATA

To correct the FRS latitude, longitude or program ID values click on the "Report an Error" button in the top right corner of this page. Facilities wishing to correct other data elements with the FORM R or FORM A should refer to How to Revise TRI Data.

For more information, see Collection of Latitude, Longitude and Program ID Data Has Been Discontinued.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1314212692432

 Facility Registry System ID: 110040612717

Section 1. Reporting Year

Reporting Year: 2014

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

| <u>CERTIFYING OFFICIAL'S NAME</u> | <u>CERTIFYING OFFICIAL'S TITLE</u> | <u>CERTIFYING OFFICIAL'S SIGNATURE</u> | <u>DATE SIGNED</u> |
|---------------------------------------|---|--|------------------------|
| KRISTEN MARIUZZA | MANAGER - ENVIRONMENT, HEALTH & SAFETY | Electronic | 25-JUN-15 |

Section 4. Facility Identification

TRI Facility ID: 4981WGLMNL4547C

4.1 Facility Name and Address.

Facility Information

| <u>NAME</u> | <u>STREET</u> | <u>CITY</u> | <u>COUNTY</u> | <u>STATE</u> | <u>ZIP CODE</u> |
|----------------------------------|-----------------------|-------------|---------------|--------------|---------------------|
| EAGLE MINE LLC- HUMBOLDT MILL | 4547 COUNTY RD 601 | CHAMPION | MARQUETTE | MI | 49814 |

BIA Tribal Code Tribe
NO DATA NO DATA

Mailing Information

| <u>NAME</u> | <u>STREET</u> | <u>CITY</u> | <u>STATE</u> | <u>ZIP CODE</u> |
|------------------------------|--------------------|-------------|--------------|-----------------|
| EAGLE MINE LLC-HUMBOLDT MILL | 4547 COUNTY RD 601 | CHAMPION | MI | 49814 |

| <u>PROVINCE</u> | <u>COUNTRY (NON - US)</u> |
|-----------------|---------------------------|
| NO DATA | NO DATA |

4.2 Facility Classification

| <u>ENTIRE FACILITY</u> | <u>PARTIAL FACILITY</u> | <u>FEDERAL FACILITY</u> | <u>GOCO FACILITY</u> |
|------------------------|-------------------------|-------------------------|----------------------|
| YES | NO | NO | NO |

4.3 Technical Contact

| <u>NAME</u> | <u>PHONE</u> | <u>PHONE EXT.</u> | <u>EMAIL</u> |
|----------------|--------------|-------------------|---------------------------------|
| AMANDA ZEIDLER | 9063397000 | | AMANDA.ZEIDLER@LUNDINMINING.COM |

4.4 Public Contact

| <u>NAME</u> | <u>PHONE</u> | <u>EMAIL</u> |
|------------------|--------------|-----------------------------------|
| KRISTEN MARIUZZA | 9063397000 | KRISTEN.MARIUZZA@LUNDINMINING.COM |

4.5 NAICS Codes

| <u>NAICS CODE</u> | <u>PRIMARY</u> | <u>NAICS CODE DESCRIPTION</u> |
|-------------------|----------------|----------------------------------|
| 212234 | YES | Copper Ore and Nickel Ore Mining |

4.7 Dun & Bradstreet Numbers

| <u>DUNS NUMBER</u> |
|--------------------|
| NA |

5 Parent Company Information

Parent Company Name: No US Parent Company

Parent Company DUNS Number:

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212692432

Section 1. Toxic Chemical Identity

1.1 CAS Number: N420

1.2 Toxic Chemical or Chemical Category Name: LEAD COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

| | | | | | | | | | | | | | | | | | |
|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| NA | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| NO | | | | | | | | | | | | | | | | | |

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO Import: NO On-Site Use/Processing: NO

Sale/Distribution: NO Byproduct: NO Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO Formulation Component: NO Article Component: NO Repackaging: NO Impurity: NO

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO Manufacturing Aid: NO Ancillary or Other Use: YES

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite**5.1 Fugitive or Non-Point Air Emissions**

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|----|--------------------------|-----------------|---------------------------------|
| NO | 0 | Pounds | E1 - Emission Factor, Published |

5.2 Stack or Point Air Emissions

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|----|--------------------------|-----------------|---------------------------------|
| NO | 0 | Pounds | E1 - Emission Factor, Published |

5.3 Discharges to Receiving Streams or Water Bodies

| NA | STREAM/WATER BODY NAME | REACH Code | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE | % FROM STORMWATER |
|----|------------------------------|----------------|--------------------------|-----------------|----------------------------------|-------------------|
| NO | MIDDLE BRANCH ESCANABA RIVER | 04030110000336 | .4 | Pounds | M2 - Monitoring, Periodic/Random | |

5.4-5.5 Disposal to Land Onsite**5.4.1 Underground Injection Onsite to Class I Wells.**

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|-----|--------------------------|-----------------|-------------------|
| YES | | | |

5.4.2 Underground Injection Onsite to Class II-V Wells.

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|-----|--------------------------|-----------------|-------------------|
| YES | | | |

5.5 Disposal to Land Onsite**5.5.1A RCRA Subtitle C Landfills**

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|----|--------------------------|-----------------|-------------------|
| | | | |

| | | |
|-----|--|--|
| YES | | |
|-----|--|--|

5.5.1B Other Landfills

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|-----|--------------------------|-----------------|-------------------|
| YES | | | |

5.5.2 Land Treatment/Application Farming

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|-----|--------------------------|-----------------|-------------------|
| YES | | | |

5.5.3A RCRA Subtitle C Surface Impoundments

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|-----|--------------------------|-----------------|-------------------|
| YES | | | |

5.5.3B Other Surface Impoundments

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|----|--------------------------|-----------------|-------------------------------|
| NO | 6000 | Pounds | C - Mass Balance Calculations |

5.5.4 Other Disposal

| NA | TOTAL RELEASE (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|----|--------------------------|-----------------|----------------------|
| NO | 78 | Pounds | O - Other Approaches |

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations**6.1 Discharges to Publicly Owned Treatment Works (POTWs)**

| | |
|-----------------------|-------------------|
| 0- POTW NAME: NO DATA | ADDRESS: NO DATA |
| CITY: NO DATA | STATE: NO DATA |
| COUNTY: NO DATA | ZIP CODE: NO DATA |

| TOTAL TRANSFERS (per year) | UNIT OF MEASURE | BASIS OF ESTIMATE |
|----------------------------|-----------------|-------------------|
| NO DATA | | NO DATA |

6.2 Transfers to other Off-Site Locations**6.2.1 RCRA Number: NA**

Name: MARQUETTE COUNTY SOLID WASTE MANAGEMENT
AUTHORITY

City: MARQUETTE

County: MARQUETTE

Parent Company Controlled:
NO

Address: 600 COUNTY ROAD
NP

State: MI

Zip Code: 49855

Country Code (Non - US):

Province:

| <u>TOTAL TRANSFERS</u> <u>(per year)</u> | <u>UNIT OF</u> <u>MEASURE</u> | <u>BASIS OF ESTIMATE</u> | <u>WASTE MANAGEMENT</u> <u>TYPE</u> |
|---|--|-------------------------------------|--|
| .1 | Pounds | M2 - Monitoring, Periodic/Random | M64 - Other Landfills |
| | | | P91 - Other Landfills |

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: GASEOUS

| 7A.1b. <u>WASTE TREATMENT METHOD(S) SEQUENCE</u> |
|---|
| 1 A07 - OTHER AIR EMISSION TREATMENT |

7A.1d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

7A.2a. Waste Stream: WASTEWATER

| 7A.2b. <u>WASTE TREATMENT METHOD(S) SEQUENCE</u> |
|--|
| 1 H071 - Chemical reduction with or without precipitation |
| 2 H123 - Settling or clarification |
| 3 H101 - Sludge treatment and/or dewatering |
| 4 H129 - Other treatment |

7A.2d. Waste Treatment Efficiency Estimate: Equal to or greater than 0% but less than or equal to 50%

7A.3a. Waste Stream: GASEOUS

| 7A.3b. <u>WASTE TREATMENT METHOD(S) SEQUENCE</u> |
|---|
| 1 A06 - MECHANICAL SEPARATION |

7A.3d. Waste Treatment Efficiency Estimate: Greater than 99% but less than or equal to 99.99%

Section 7B. On-Site Energy Recovery Processes

| <u>ON SITE ENERGY RECOVERY PROCESSES</u> |
|---|
| NA |

Section 7C. On-Site Recycling Processes

| <u>ON SITE RECYCLING PROCESSES</u> |
|---|
| NA |

Section 8. Source Reduction and Recycling Activities

| <u>CURRENT</u> | <u>SECOND</u> |
|-----------------------|----------------------|
|-----------------------|----------------------|

| SECTION | TYPE OF QUANTITY | UNITS | PRIOR YEAR | REPORTING YEAR | FOLLOWING YEAR | FOLLOWING YEAR |
|---------|--|--------|------------|----------------|----------------|----------------|
| 8.1a | Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills | | NA | NA | NA | NA |
| 8.1b | Total other on-site disposal or other releases | Pounds | NA | 6078.4 | 12500 | 12500 |
| 8.1c | Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills | Pounds | NA | .1 | .2 | .2 |
| 8.1d | Total other off-site disposal or other releases | | NA | NA | NA | NA |
| 8.2 | Quantity Used for Energy Recovery Onsite | | NA | NA | NA | NA |
| 8.3 | Quantity Used for Energy Recovery Offsite | | NA | NA | NA | NA |
| 8.4 | Quantity Recycled Onsite | | NA | NA | NA | NA |
| 8.5 | Quantity Recycled Offsite | | NA | NA | NA | NA |
| 8.6 | Quantity Treated Onsite | | NA | NA | NA | NA |
| 8.7 | Quantity Treated Offsite | | NA | NA | NA | NA |

8.8 One-Time Event Release: NA

8.9 Production Ratio ☐ or Activity Ratio ☒ :

8.10 Source Reduction Activities

| SOURCE REDUCTION ACTIVITIES | METHOD 1 | METHOD 2 | METHOD 3 | ESTIMATED ANNUAL REDUCTION |
|-----------------------------|----------|----------|----------|----------------------------|
| NA | | | | |

8.11 Additional Data Indicator: NO

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

| | | |
|------|---|--|
| NPYF | No Prior Reporting Year Form DQA comment | This was the first year of production at the facility, therefore no previous reporting was required. |
|------|---|--|

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http://ofmint.rtpnc.epa.gov/enviro/tri_formr_partone.get_thisone